



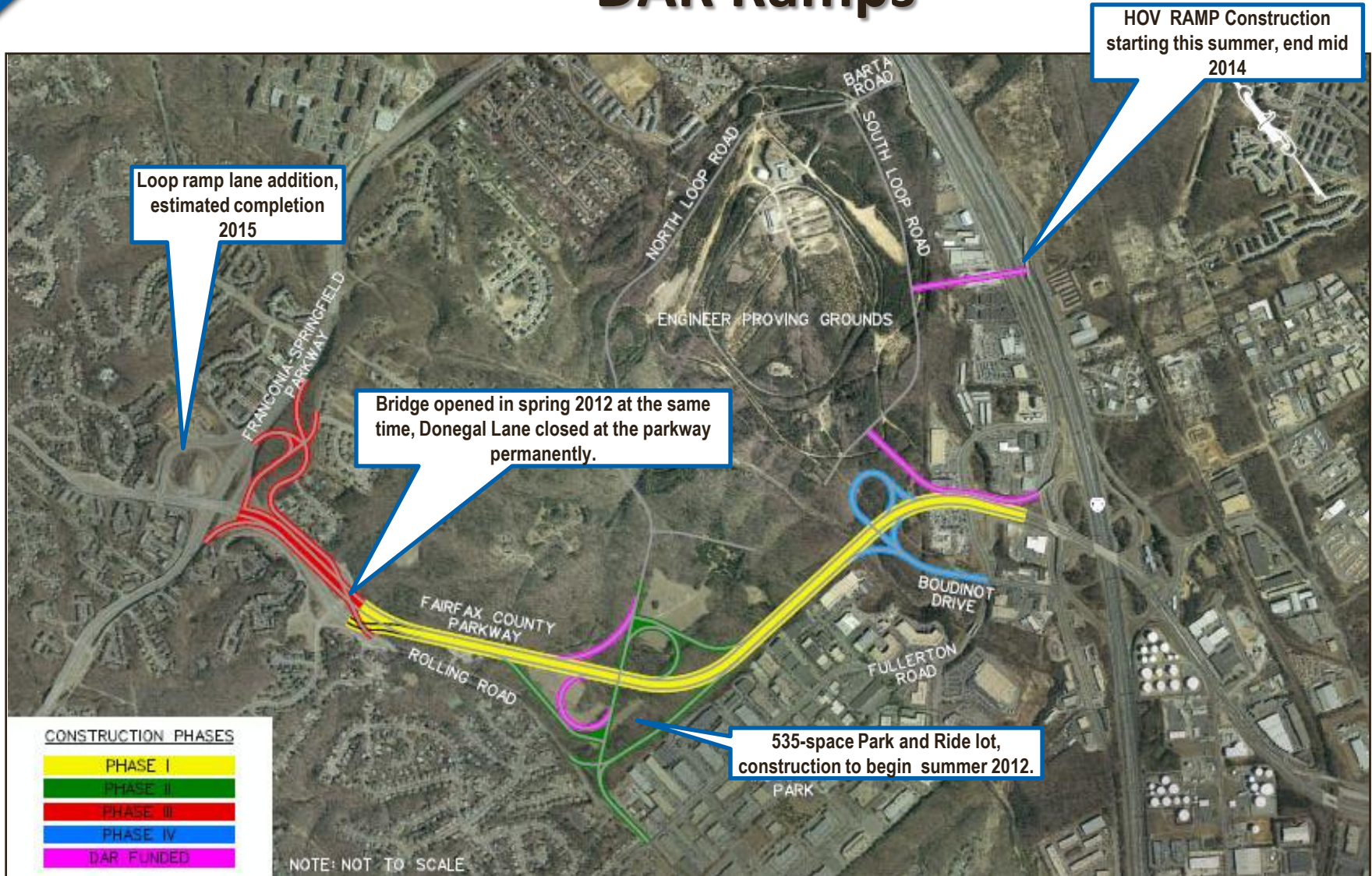
BRAC Transportation Projects

Tom Fahrney
VDOT Commonwealth BRAC
Coordinator

Fort Belvoir North/National Geospatial Intelligence Agency (NGA)

Fairfax County Parkway Phasing

DAR Ramps



Fort Belvoir North Road Improvements

- Fairfax County Parkway
 - Funded by VDOT (\$198 mil)
 - Mainline opened to traffic in Sept. 2010
 - Final Phase to be complete Summer 2012
- I-95/Fort Belvoir North HOV Ramp
 - Funded by DoD (\$36 mil)
 - Construction to begin Summer 2012
 - Completion late 2014
- Fairfax County Parkway Commuter Lot
 - Funded by regional CMAQ funds (\$4.6 mil)
 - Construction to begin summer 2012
 - Completion late 2012
- FF County Parkway Loop Ramp at Rolling Road
 - Funded by VDOT (\$14 mil)
 - Design-build to begin late 2013



I-95 4th Lane Widening

Overview

- Added 4th Lane in each direction on I-95 between Fairfax County Pkwy (Rt. 7100) and Route 123
- 6-mile project corridor
- Funded by VDOT and Federal Earmarks (\$122 mil)

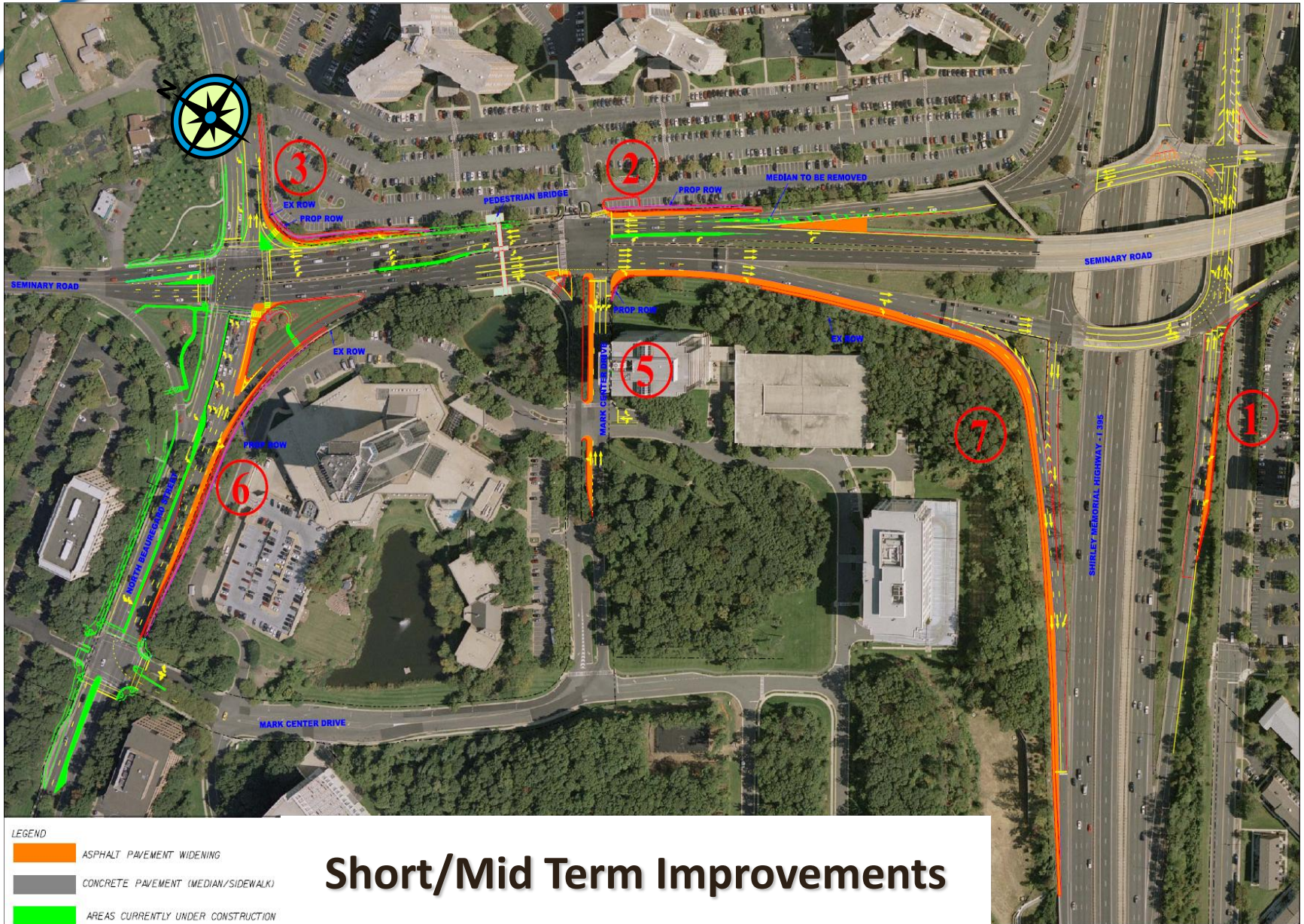
Completed

- 4th NB Lane (Rt.1 to Rt.7100) - opened 12/09
- 4th SB Lane (Rt. 7100 to Rt. 1) - open fall 2010
- 4th NB/SB (Rt.1 to Rt.123) - opened summer 2011



Mark Center Washington Headquarter Services (WHS)

Mark Center Short-Mid Term Improvements



Mark Center HOV/Transit Ramp

Reversible HOV Ramp to Third Level of Seminary Interchange



Mark Center HOV/Transit Ramp Rendering



Aerial View From Seminary Towers

Mark Center Road Improvements

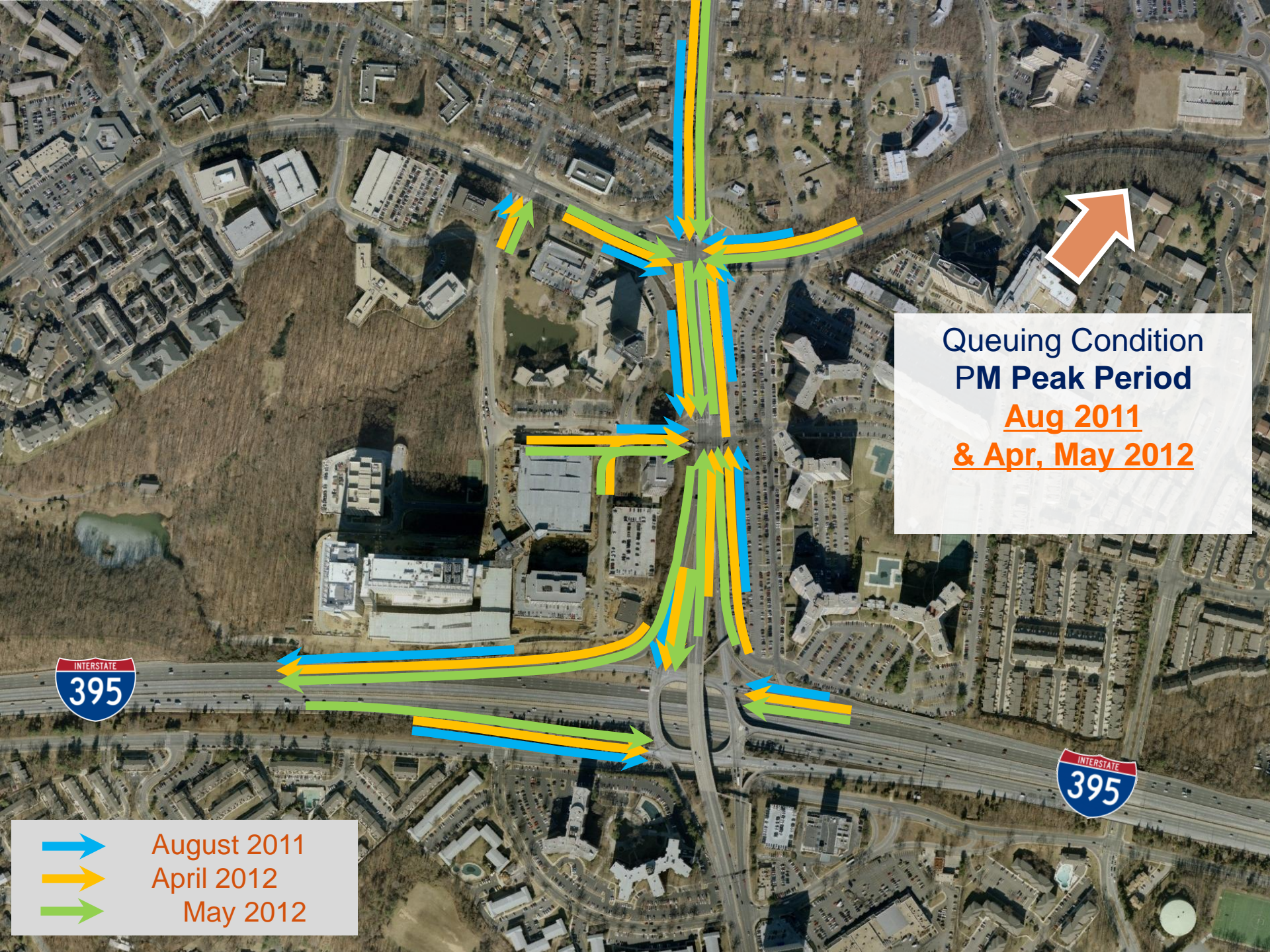
- Short-Mid Term Improvements
 - Intersection, I-395/Seminary Ramp Capacity
 - Funded by Department of Defense (\$20 mil)
 - Construction to begin Summer 2012
 - Completion 2013
- I-395/Seminary Road HOV/Transit Ramp and NB Auxiliary Lane
 - Funded by VDOT (\$94 mil)
 - Design-Build Request for Qualifications March 7, 2012
 - Advertise Request for Proposals late July 2012
 - Construction to begin Summer 2013
 - Completion late 2015



Mark Center Traffic Monitoring

- VDOT consultant monitoring traffic around Mark Center since August 2011
- Most Intersections operating at acceptable levels of service but the network is nearing capacity
- Some traffic queues (backups) have increased since August 2011 but planned improvements should alleviate many of the issues
- Congressionally mandated parking cap of 2,051 spaces and successful implementation of DoD Transportation Demand Management Plan (TDMP) effective at reducing vehicular trips
- Overall, traffic manageable if parking cap remains in place until road improvements are complete



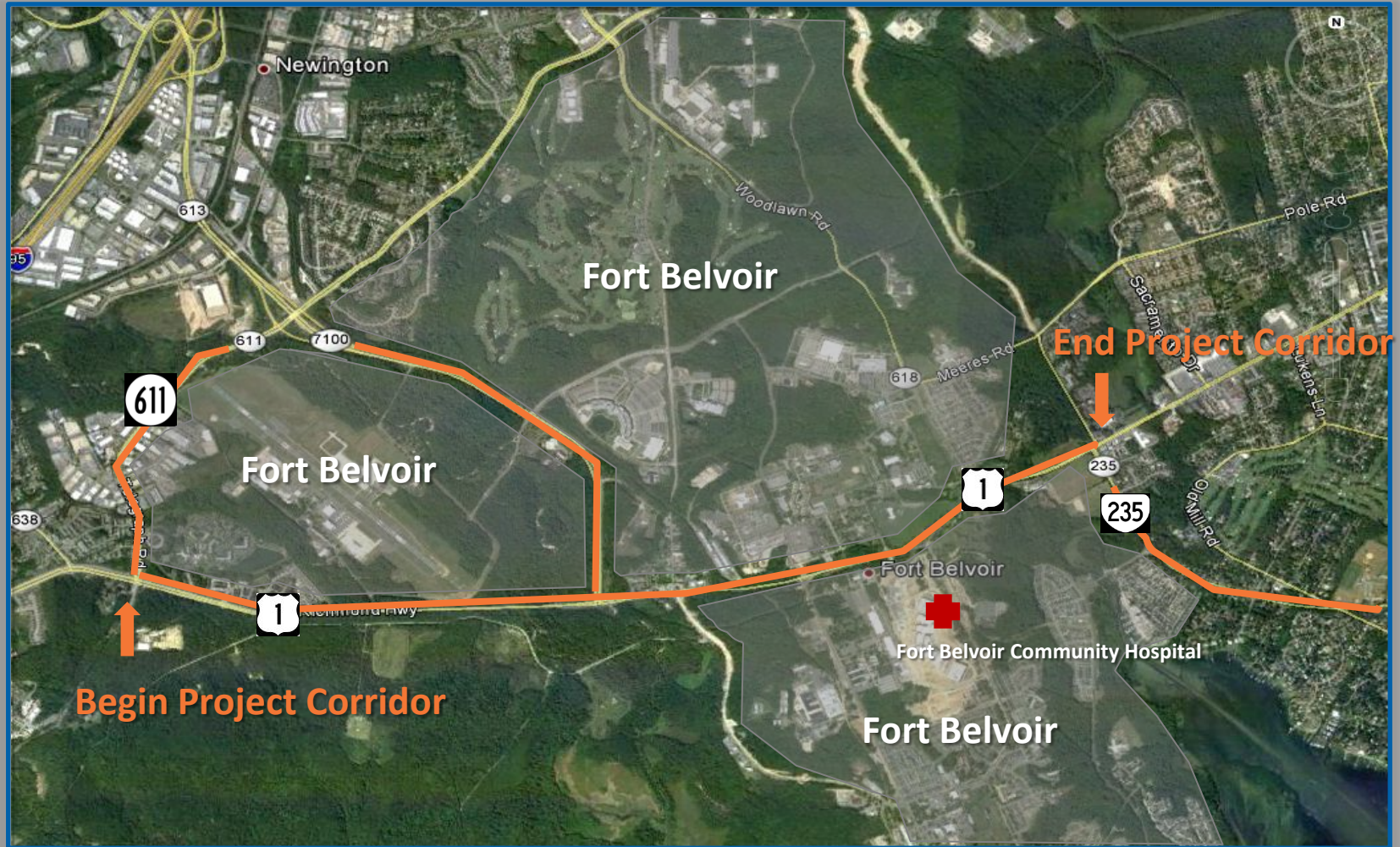


Queuing Condition
PM Peak Period
Aug 2011
& Apr, May 2012

→ August 2011
→ April 2012
→ May 2012

Fort Belvoir Main Post

U.S. Route 1 Widening



U.S. Route 1 Widening

- Widen to six lanes between Mount Vernon Highway and Telegraph Road
 - \$180 million Department of Defense Grant
 - Environmental Assessment underway
 - Preserves future transit corridor
 - Construction to begin 2013



Summary of Major BRAC Related Road Projects

Fort Belvoir North/NGA

\$339 million (VDOT/FHWA)

\$ 36 million (DoD)

Total \$375 million

Mark Center/WHS

\$94 million (VDOT/FHWA)

\$20 million (DoD)

Total \$114 million

Fort Belvoir Main Post

\$180 million (DoD)

BRAC Total Northern Virginia = \$669 million